1988 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Fall Webworm

(SPECIFIC NAME): Hyphantria cunea

HOST: Black Cherry, Ash et al.

PRESENT CONDITION:

AREA - TOTAL ACRES: Found statewide

LOCATION: Populations moderate in Providence County, and low in all other counties.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
No estimates or measurements done.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates of volume and/or dollar loss done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Light populations for the third year with the exception of Providence County this year where they were moderate.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No survey work done for this insect pest.

ADDITIONAL COMMENTS:

Problems mainly on roadside trees.

1988 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Fall Cankerworm

(SPECIFIC NAME): Alsophila pometaria

HOST: Mainly on oak and maple species.

PRESENT CONDITION:

AREA - TOTAL ACRES: Found statewide

LOCATION: Concentrated mainly in Kent County.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
No measurements or estimates done.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates of dollar loss or volume loss done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Sixth year of relatively minor problems. Has been a major pest. No survey work done for this pest.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No state or local control programs in place here.

ADDITIONAL COMMENTS:
Few complaints statewide.

198[redacted]EST CONDITIONS REPORT WORK SHE[redacted]

RHODE ISLAND

PEST - (COMMON NAME): Diplodia Twig Blight

(SPECIFIC NAME): Diplodia pinea

HOST: All pine species especially Austrian Pine

PRESENT CONDITION:

AREA - TOTAL ACRES: Found statewide.

LOCATION: Problems low in all counties.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
No estimates or measurements done.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates of volume and/or dollar loss done.

TREN[illegible] - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Little problem for the past three years. The previous 3 to 4 years were significant for this disease.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No state or local control programs in place in Rhode Island.

ADDITIONAL COMMENTS:

Mainly a nursery pest in Rhode Island.

198[redacted]EST CONDITIONS REPORT WORK SHE[redacted]

RHODE ISLAND

PEST - (COMMON NAME): Eastern Tent Caterpillar

(SPECIFIC NAME): Malacosma americana

HOST: Black Cherry and Apple (rose) related species.

PRESENT CONDITION: Found statewide.

AREA - TOTAL ACRES:

LOCATION: Populations low in all counties.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
Minor populations statewide.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates of volume and/or dollar loss done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Populations down to a low level in all portions of the state for the fifth consecutive year. No survey work being done.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No state control program or local controls in place here.

ADDITIONAL COMMENTS:
Few complaints statewide.

198[redacted]EST CONDITIONS REPORT WORK SHE[redacted]

RHODE ISLAND

PEST - (COMMON NAME): Orange-striped Oakworm

(SPECIFIC NAME): Anisota senatoria

HOST: White and other oak species

PRESENT CONDITION:

AREA - TOTAL ACRES: 10,500

LOCATION: Central Kent and South/central Providence Counties.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:

500 acres heavy, 10,00- acres light to moderate.

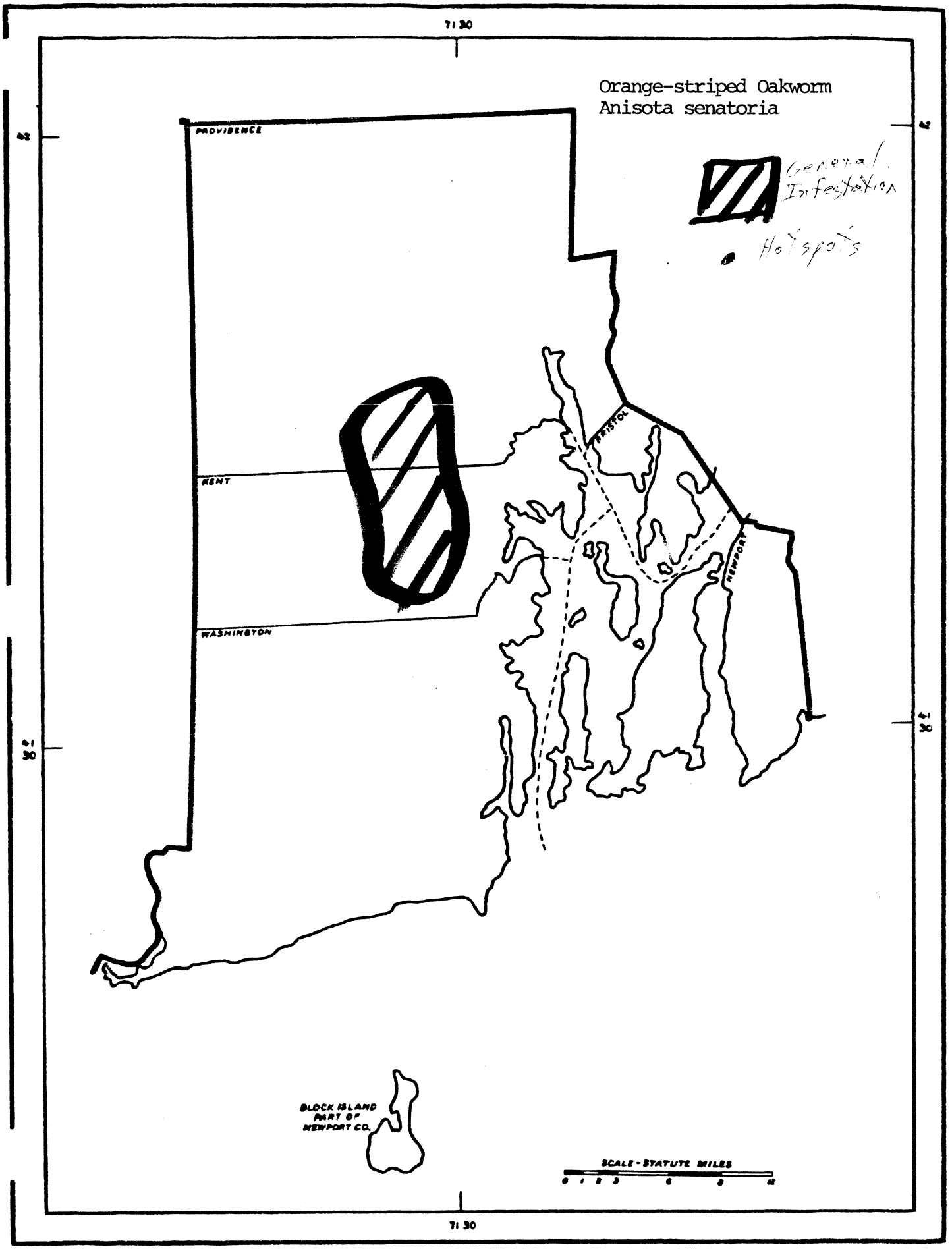
LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
Dollar value not calculated.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Infested area contracting in size after four years of expanding infestation. No survey work planned.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No state or local control work planned.

ADDITIONAL COMMENTS:
Defoliation was charactorized by a large percentage of low level defoliation and small hot spots.

RHODE ISLAND 1988



198[redacted]EST CONDITIONS REPORT WORK SHE[redacted]

RHODE ISLAND

PEST - (COMMON NAME): Armillaria Root Rot.

(SPECIFIC NAME): Armillaria spp.

HOST: Many host plants, but maple trees hardest hit.

PRESENT CONDITION: Found statewide

AREA - TOTAL ACRES: Not determined

LOCATION: Mainly East of Narragansett Bay.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
No survey work done.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates of volume loss or dollar loss done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Problems were very low prior to this year. Summer drought the past two years is suspected to be the cause.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No control work done at the state or local levels.

ADDITIONAL COMMENTS:

Many complaints on maple species.

19[redacted] PEST CONDITIONS REPORT WORK SH[redacted]

RHODE ISLAND

PEST - (COMMON NAME): Verticillium Wilt

(SPECIFIC NAME): Verticillium dahliae and V. albo-atrum

HOST: Many host plants but Norway Maples were infected -eavily this year.

PRESENT CONDITION: Found statewide.

AREA - TOTAL ACRES: Not surveyed.

LOCATION: Most problems were in Kent, Washington and Southern Providence County.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
Very significant problems over a wide area.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates done for tree mortality or volume losses although they appear to be of significance.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Problems were at a very low level prior to this year. The summer drought for the past two seasons is suspected.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

No control work done.

ADDITIONAL COMMENTS:

Maple trees appeared to be hard hit by at least a few diseases this yr. Many complaints from the West Bay area.

198[redacted]EST CONDITIONS REPORT WORK SHE[redacted]

RHODE ISLAND

PEST - (COMMON NAME): White Pine Weevil

(SPECIFIC NAME): Pissodes strobi

HOST: White pine and various species of spruce plus Douglas Fir.

PRESENT CONDITION:

AREA - TOTAL ACRES: Found statewide.

LOCATION: Low infestations in all counties.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
Infestations low in all counties for the past 5 years, moderate to heavy the preceding four years.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimate of volume and/or dollar loss done. Mainly a nursery pest here.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Populations low the last 5 years, M-H the 4 yrs. before that.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No state control or local controls here.

ADDITIONAL COMMENTS:
Few complaints statewide.

198[redacted]EST CONDITIONS REPORT WORK SHE[redacted]

RHODE ISLAND

PEST - (COMMON NAME): A scolytid beetle

(SPECIFIC NAME): Pityphthonus sp.

HOST: White pine

PRESENT CONDITION:

AREA - TOTAL ACRES: About 5,000 acres

LOCATION: Western half of Providence, Kent and Washington Counties.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
Ranged from 0% to 10% of the twig tips infested.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No estimates of mortality or volume lost.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
Unknown, first year of noticeable damage.

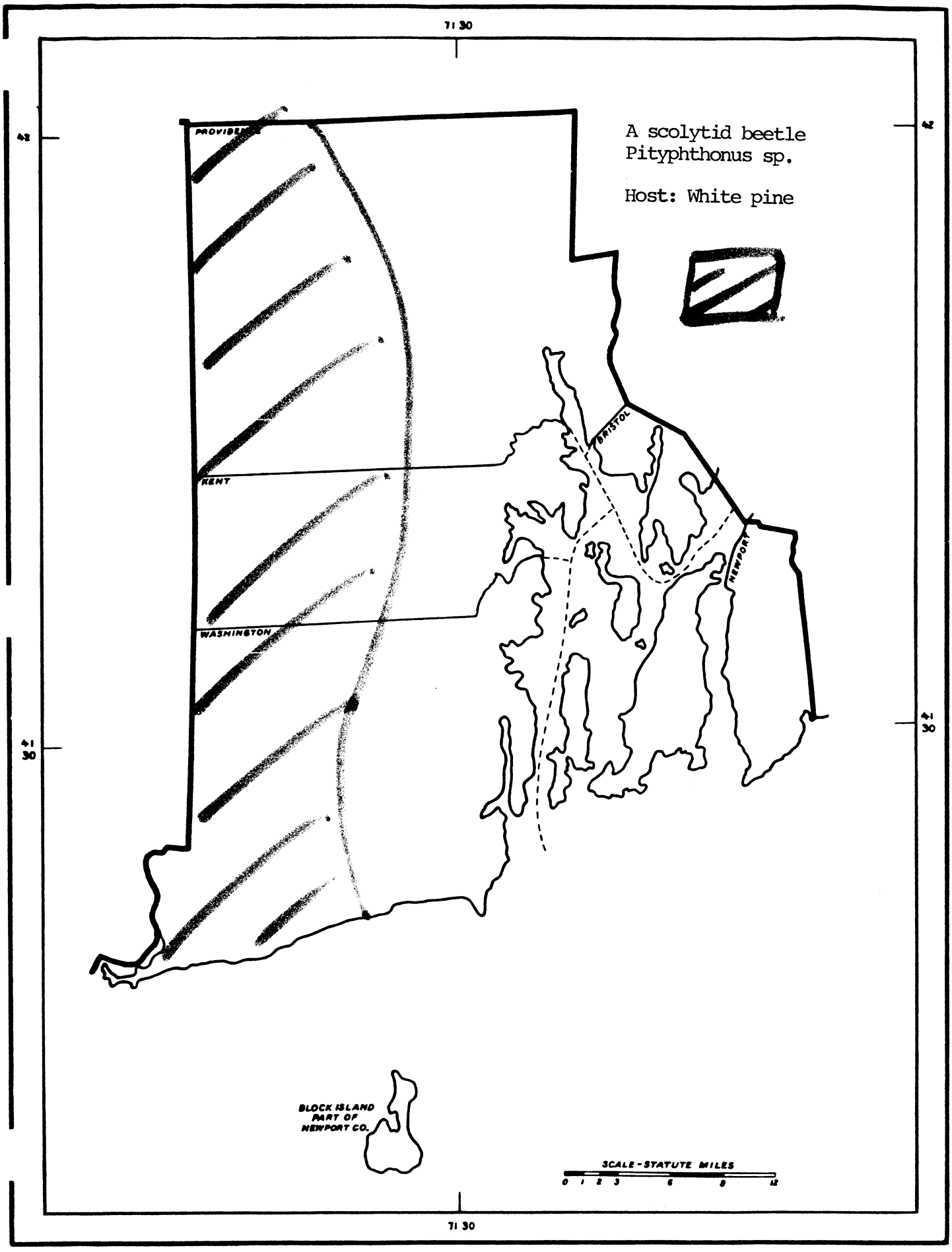
CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

No state or local control program in place here.

ADDITIONAL COMMENTS:

Reported to Forest Service July of this year.

RHODE ISLAND 1988



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1988 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Pear Thrips

(SPECIFIC NAME): Taeniothrips inconsequens

HOST: Complete list unavailable. Sugar maple and other maple species are known hosts. Some orchard fruits and grape plants are also known hosts.

PRESENT CONDITION:

AREA - TOTAL ACRES: Less than one acre suspected of being infested.

LOCATION: Glocester (Providence County) Not confirmed by actual pest find.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
Small area of light infestation.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No mortality seen. No estimates of volume or value done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
First year of survey work.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No controls done

ADDITIONAL COMMENTS:

Survey work begun this year too late to find the insect pest.
Survey work to continue next season.

Extnsion service has surveyed local orchards this year and will do so again next season.

1988 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Hemlock Wooly Adelgid

(SPECIFIC NAME): Adelges tsugae

HOST: Eastern hemlock (Tsuga canadensis

PRESENT CONDITION:

AREA - TOTAL ACRES: Three properties. Less than one acre.

LOCATION: Kent County.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:
Little damage visible.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:
No mortality of the infested trees. Trees were treated by commercial tree sprayers or by the property owners.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:
First year of infestation.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No state control work done. All three infestations under control by private efforts.

ADDITIONAL COMMENTS:
Ten plots set up state-wide, plus ten additional plots in Kent county. Complete report has been submitted to forest service,

1988 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Gypsy Moth

(SPECIFIC NAME): Lymantria dispar

HOST: Many host plants.

PRESENT CONDITION: Very little potential problem for next season.

AREA - TOTAL ACRES: See enclosed map for defoliation record. Survey for egg masses shows little potential hazard.

LOCATION:

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:

See enclosed defoliation map.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:

Not done.

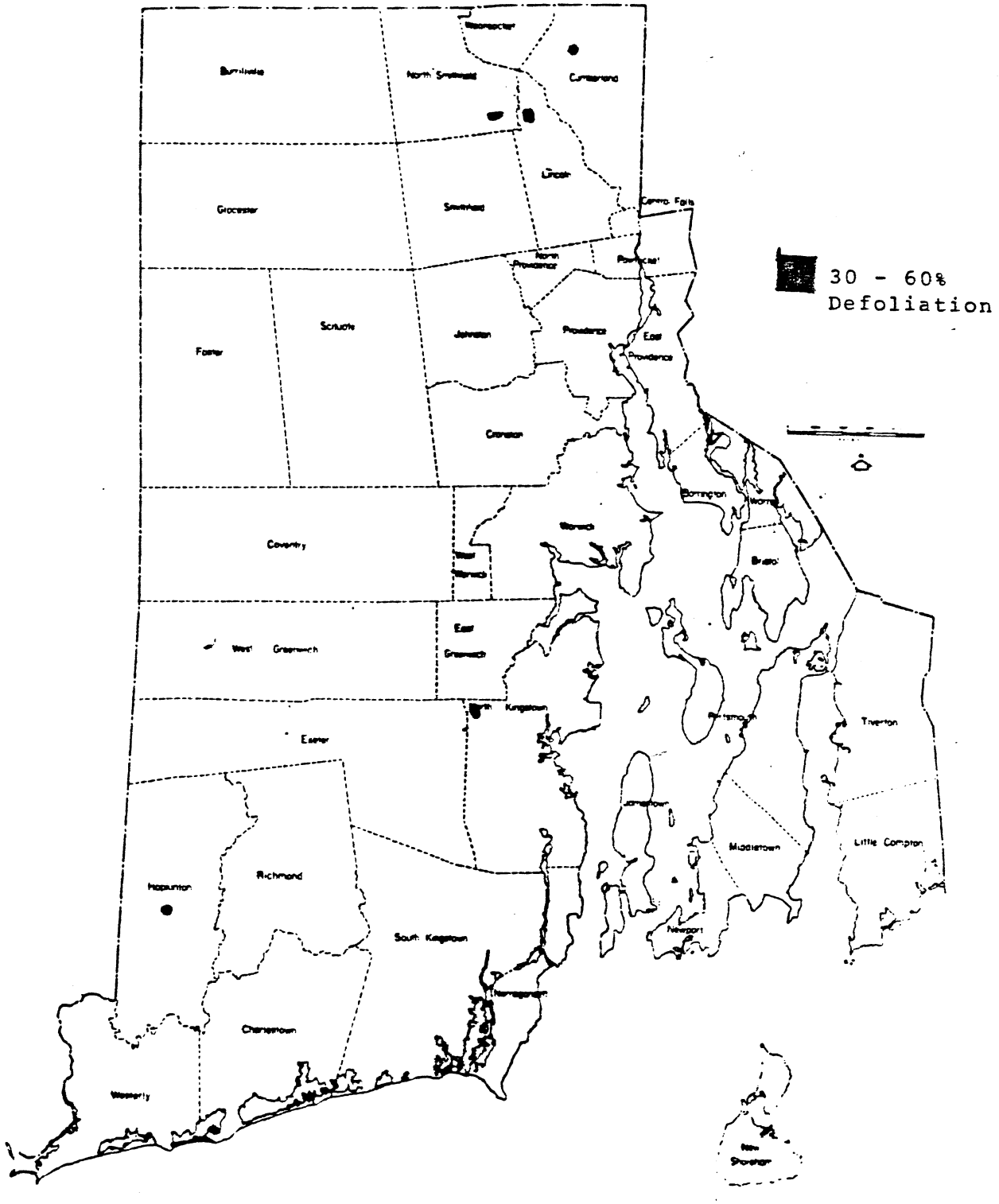
TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:

Declining problems as a result of decreasing populations statewide.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

No control work done during 1988 and none planned for 1989.

ADDITIONAL COMMENTS:



Gypsy Moth Defoliation in Rhode Island - 1988

Gypsy Moth Defoliation in Rhode Island - 1988

Town	30 - 60% Defoliation
Cumberland	150 acres
Hopkinton	250 acres
Lincoln	275 acres
North Kingstown	75 acres
North Smithfield	125 acres
Total	725 acres

1988 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Air Pollution

(SPECIFIC NAME): As above

HOST: Many.

PRESENT CONDITION:

AREA - TOTAL ACRES: Unknown

LOCATION: Western Kent County.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:

Some pockets of needle spotting on trees on state property.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:

No estimates of volume and/or dollar loss done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR:

Problem seems to be increasing the past few years.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

Monitoring only being done at this time.

ADDITIONAL COMMENTS: